Restricted Circulation

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Agricultural Memorandum No 600

The first six hundred

L P Smith

Six hundred Ag Mems have now been circulated. This series of personal communications was designed to suit three purposes, namely

1. To ensure that any potentially useful work, however incomplete, was placed on permanent record for future reference.

2. To inform other workers in the subject of current research and investigation as quickly as possible, and thus obviate the inevitable delays of formal publication.

3. To serve as a check on the accuracy and potential usefulness of such work before proceeding to publication - a form of multiple refereeing.

Note:

Ag Mems cannot be quoted as a technical reference, the only permitted phrase being "personal communication". When the treatment of the subject finally attains publication stage, the usual reference to the paper and journal concerned is obviously used in the normal fashion.

Over 200 such scientific papers have been published within the last 20 years, almost all of which were previously discussed in the Ag Mem series.

These published papers and Ag Mems have now been sorted out into over 40 categories, with the aim of producing a classified series of Reviews of Agricultural Meteorological Papers (RAMP). In this manner it will be possible for any future worker in the subject to obtain easier access to the full range of work carried out by members of the Meteorological Office. A limited amount of cross-reference between categories will be inevitable, but it is hoped to make each RAMP as self-contained as possible.

The provisional classification is given in the Appendix.

Any comments or suggestions on this paper should be referred to the author.

February 1974

Meteorological Office
Bracknell

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APPENDIX

		Total Memos (provisional)	Published Papers
CLIMATE			
	Temperature and Humidity	9	4
	Soil & Earth Temperatures	11	2
	Rainfall	12	1
	Heavy Rains	23	-
	Return to Field Capacity	19	1
	Excess Winter Rains	8	1
	Dry Spells & Drought	12	2
	Sunshine & Radiation	15	1
AGROCLIMATOLOGY			
	Agro climate - general	16	10
	- horticulture	3	3
	- livestock	4	-
	- cereals	24	-
	- seasons	15	5
GENERAL SUBJECT REVIEWS		15	47
METEOROLOGICAL DATA			
	Frosts	17	13
	Transpiration	10	15
	Accumulated Temperatures	10	-
	Derived Data	17	9
	Instruments & Measurements	12	9
	Forecasts	4	6
HUMAN DISEASE			
	Hay Fever	15	2
	Balkan Nephropathy	7	-
AGRICULTURAL TECHNIQUES			
	Drainage	23	1
	Glass & Plastic Cover	12	7
	Buildings; Internal Climates	16	2
	Shelter & Wind	14	28
	Mulching	7	-
	Work Days	12	1
	Irrigation	2	15

Must not be quoted

CROPS		
Forestry	6	4
Hops	11	1
Barley & Wheat	20	6
Grass	7	5
Hay	8	2
Honey	1	2
Apples & Fruit	8	2
Watercress	4	-
Maize & Rape	15	1
Plant Diseases	8	14
Cereal Diseases	12	2
Aerobiology - spore tracks	6	10
ANIMALS		
Milk & Cheese	27	3
Beef & Sheep	5	4
Entomology	29	11
Animal Diseases	21	5
Pig - Hyperthermia	10	2
Nematoids	11	2
Foot-and-Mouth	18	4